

Patent claims

1. A vehicle for handicapped persons with at least one steerable front wheel and two rear wheels, characterised in that the two rear wheels (2, 3) in each case are individually held on a frame (10) with a wheel suspension, and a separate, controllable steering drive (4, 5) is present for each rear wheel (2, 3).
2. A vehicle according to claim 1, characterised in that the rear wheels (2, 3) are provided in each case with their own drive.
3. A vehicle according to claim 1 or 2, characterised in that the drives are wheel hub drives.
4. A vehicle according to one of the preceding claims, characterised in that the front wheel (1) is held in a fork (9) and is steerable by way of a steering rod (8) connected to the fork (9).
5. A vehicle according to one of the preceding claims, characterised in that at least one rotational angle sensor is arranged on the steering rod (8).
6. A vehicle according to one of the preceding claims, characterised in that an electronic control is present.
7. A vehicle according to one of the preceding claims, characterised in that the rotational angle sensor(s), the steering drives (4, 5) and/or the drives for the rear wheels (2, 3) are connected to the electronic control.
8. A vehicle according to one of the preceding claims, characterised in that a change-over switch for the selection of predefined travel modes is present for the activation of the rear wheels (2, 3).
9. A vehicle according to one of the preceding claims, characterised in that the steering rod (8) is connected to the fork (9) with a cardan- or homocinetic joint (11).
10. A vehicle according to one of the preceding claims, characterised in that the steering drives (4, 5) are linear motors.

11. A vehicle according to one of the preceding claims, characterised in that a spindle- or rack drive is present on the steering drives (4, 5).
12. A vehicle according to one of the preceding claims, characterised in that the steering rod (8) is pivotable parallel to the axis of the fork (9) between two end abutments.
13. A vehicle according to one of the preceding claims, characterised in that the rear wheels (2, 3) are pivotable by at least 90°.
14. A vehicle according to one of the preceding claims, characterised in that a controllable steering drive is also present on the front wheel (1).
15. A vehicle according to one of the preceding claims, characterised in that two steerable front wheels are present which are in each case pivotable individually by way of steering drives.